



Dart Aerospace Ltd.
1270 Aberdeen St
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Canada

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D206-642-413
Job Sheet 201989



Part No: D206-642-413

Job Qty: 1 pcs

Part Name: Skidtube LH, High Gear with Run-on Landing Wearplates



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/17/19

Job Tracking No:

Due Date: 11/7/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV Q SHEETS 31-32 IPP REV:A 11.11.18 NEW ISSUE DD VERF:

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	1 pcs	11/7/19		0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		
							Packaging 1 - 31		



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Container No: S231394



Part: D206-642-413

Job No: 201989

Serial No/Batch: S231394

Revision:

Inspector:

Exp Date:

Instructions: FAA STC SA00475SE 18/10/17, TC STC SH98-

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120 QC 4	1 pcs	11/7/19	0.00 0.00	Packaging 1 - 32		
				Packaging 1 - 33		
				Packaging 1 - 34		
				Packaging 1 - 35		
				Packaging 1 - 36		
				QC 4 - 28		
				QC 4 - 58		
				QC 4 - 69		
				QC 4 - 9		
				QC 4 - 46		
				QC 4 - 68		
				QC 4 - 72		
				QC 4 - 74		
130 Packaging 3-1 - Stock - B4B	1 pcs	11/7/19	0.00 0.00	QC 4 - 75	DAS	
				QC 4 - 78	78	
				Packaging 3 - 1 - B4B	9-89	NOV 13 2019
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
				Packaging 3 - 17 - B4B		
				Packaging 3 - 18 - B4B		
				Packaging 3 - 19 - B4B		
				Packaging 3 - 20 - B4B		
				Packaging 3 - 21 - B4B		
				Packaging 3 - 22 - B4B		
				Packaging 3 - 23 - B4B		
				Packaging 3 - 24 - B4B		
				Packaging 3 - 25 - B4B	DAS	
				Packaging 3 - 26 - B4B	78	NOV 13 2019
				Packaging 3 - 27 - B4B	9-89	
				Packaging 3 - 28 - B4B		
				Packaging 3 - 29 - B4B		
				Packaging 3 - 30 - B4B		
				Packaging 3 - 31 - B4B		
				Packaging 3 - 32 - B4B		
				Packaging 3 - 33 - B4B		
				Packaging 3 - 34 - B4B		
				Packaging 3 - 35 - B4B	DAS	
				Packaging 3 - 36 - B4B	21	
135 DC - 1 - B4B	1 pcs	11/7/19	0.00 0.00	DC - 1 - B4B	9-89	NOV 13 2019
				DC - 2 - B4B		
140 QC 21 - FG	1 pcs	11/7/19	0.00 0.00	QC 21 - FG - 21	DAS	
				QC 21 - FG - 70	21	NOV 13 2019
				QC 21 - SA - 53	9-89	

Part Op 110 - Pick Kit

Descriptions: 120 - QC4- 100% Inspect kits for completeness

130 - Identify as per dwg & Stock Location: _____ Photocopy bluefile and create labels per PPP D206-642-413

CHG001

135 - Document Control Photocopy bluefile and create labels per PPP D206-642-413 CHG001

140 - QC21- Final Inspection - Work Order Release

012870

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3-47A	Bolt	8 Ea (8 ea)	✓ 110-Packaging 1 - Pick Kit	S228782 ✓
AN4-6A	Bolt	12 Ea (12 ea)	✓ 110-Packaging 1 - Pick Kit	S211539 ✓
AN4C5A	Bolt	1 Ea (1 ea)	✓ 110-Packaging 1 - Pick Kit	S207679 ✓
AN5-11A	Bolt	8 Ea (8 ea)	✓ 110-Packaging 1 - Pick Kit	S167553 ✓
AN5-12A	Bolt	4 Ea (4 ea)	✓ 110-Packaging 1 - Pick Kit	S003926 ✓
AN5-13A	Bolt	4 Ea (4 ea)	✓ 110-Packaging 1 - Pick Kit	S179631 ✓
D206-642-451	Replacement Skidtube, High Gear with Run-on Landing Wearplates Fits LH or RH	1 pcs (1 ea)	✓ 110-Packaging 1 - Pick Kit	S228460 ✓
D206-648-013	Ground Handling Wheel Modification	1 pcs (1 ea)	✓ 110-Packaging 1 - Pick Kit	S225638 ✓
D2652	Bushing	16 pcs (16 ea)	✓ 110-Packaging 1 - Pick Kit	S224620 ✓
D2712	Set Screw	10 pcs (10 ea)	✓ 110-Packaging 1 - Pick Kit	S161775 ✓
D2932-1	Saddle LH Out, 206	1 pcs (1 ea)	✓ 110-Packaging 1 - Pick Kit	S161775 ✓
D2933-1	Saddle LH In, 206	1 pcs (1 ea)	✓ 110-Packaging 1 - Pick Kit	S161775 ✓
D2934	Saddle Spacer	2 pcs (2 ea)	✓ 110-Packaging 1 - Pick Kit	S219496 ✓
D2935	Saddle Spacer	2 pcs (2 ea)	✓ 110-Packaging 1 - Pick Kit	S219496 ✓
D2936-1	Saddle LH Out, 206	1 pcs (1 ea)	✓ 110-Packaging 1 - Pick Kit	S161775 ✓
D2939-1	Saddle LH In, 206	1 pcs (1 ea)	✓ 110-Packaging 1 - Pick Kit	S161775 ✓
D3407-043	Tow Ring	1 pcs (1 ea)	✓ 110-Packaging 1 - Pick Kit	S2013079 ✓
D3413-1	O-Ring	1 pcs (1 ea)	✓ 110-Packaging 1 - Pick Kit	S207076 ✓
D3456-1	Washer	1 pcs (1 ea)	✓ 110-Packaging 1 - Pick Kit	S161775 ✓
D3457-1	Washer	2 pcs (2 ea)	✓ 110-Packaging 1 - Pick Kit	S216481 ✓
MS21042L3	Nut	8 Ea (8 ea)	✓ 110-Packaging 1 - Pick Kit	S218152 ✓
MS21042L4	Nut	12 Ea (12 ea)	✓ 110-Packaging 1 - Pick Kit	S25016 ✓
MS21043-4	Nut	1 Ea (1 ea)	✓ 110-Packaging 1 - Pick Kit	S161775 ✓
NAS1149C0463R Washer (AN960C416)		1 Ea (1 ea)	✓ 110-Packaging 1 - Pick Kit	S104277 ✓
NAS1149D0363J Washer		8 Ea (8 ea)	✓ 110-Packaging 1 - Pick Kit	S228336 ✓
NAS1149D0463J Washer		24 Ea (24 ea)	✓ 110-Packaging 1 - Pick Kit	S225586 ✓
NAS1149D0563J Washer		8 Ea (8 ea)	✓ 110-Packaging 1 - Pick Kit	S179288 ✓

S22846DR+1

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	AN3-41A	8	77	0
	AN4-6A	12	325	0
	AN4C5A	1	39	0
	AN5-11A	8	61	0
	AN5-12A	4	226	0
	AN5-13A	4	95	0
	D206-642-451	1	1	0
	D206-648-013	1	1	0
	D2652	16	166	0
	D2712	10	259	0
	D2932-1	1	8	0
	D2933-1	1	8	0
	D2934	2	44	0
	D2935	2	54	0
	D2938-1	1	9	0
	D2939-1	1	8	0
	D3407-043	1	4	0
	D3413-1	1	16	0
	D3456-1	1	142	0
	D3457-1	2	72	0
	MS21042L3	8	2,831	0
	MS21042L4	12	1,015	0
	MS21043-4	1	387	0
	NAS1149C0463R	1	174	0
	NAS1149D0363J	8	636	0
	NAS1149D0463J	24	1,888	0
	NAS1149D0563J	8	1,055	0
Part Specifications				
Specifications could not be found.				

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Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____		DISPOSITION		DEPARTMENT/PROCESS	
Part No. _____		Rework ☐ Scrap ☐ Use-as-is ☐		Cross tube ☐ Small Fab ☐ Finishing ☐ Skid-tube ☐ Machining ☐ Large Fab ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐	
Date: _____	Sequence #: _____	QTY Affected: _____		MRB (QSI042)	
Description Work Order Deviation		Disposition			
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY			
		Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Other/Details: _____		Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐	
		Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐		Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐	
Completed By _____		Lead hand / Supervisor _____			
QC / QA Coordinator _____					

4.6 206L/L-1/L-3/L-4 HIGH GEAR SKIDTUBES

ITEM	QTY -411	QTY -412	QTY -413	QTY -414	QTY -441	QTY -457	QTY -449	QTY -451	QTY -013	PART NUMBER	DESCRIPTION
	X									D206-642-411	SKIDTUBE INSTALLATION, LH
		X								D206-642-412	SKIDTUBE INSTALLATION, RH
			X							D206-642-413	SKIDTUBE INSTALLATION, LH
				X						D206-642-414	SKIDTUBE INSTALLATION, RH
	1	1			X					D206-642-441	SKIDTUBE
						X				D206-642-457	WEARSHOE KIT (REPLACES -447)
							X			D206-642-449	RUN-ON LANDING WEARPLATE KIT
			1	1				X		D206-642-451	SKIDTUBE
	1	1	1	1					X	D206-648-013	GROUND HANDLING KIT
1					1					D2650-7	SKIDTUBE ASSEMBLY
1								1		D4361-043	SKIDTUBE ASSEMBLY
2A					22			10		D2651-1	* PLUG ⁽¹⁾
2B					22			10		D2651-3	* O-RING ⁽¹⁾
3					1			1		D2846	* AFT CAP ⁽¹⁾
4					2			2		MS27039-1-08	* SCREW ⁽¹⁾
5					2			2		NAS1149D0332J	* WASHER ⁽¹⁾ (OR AN960JD10L)
6	1		1							D2932-1	SADDLE, FWD OUT, LH
6		1		1						D2932-2	SADDLE, FWD OUT, RH
7	1		1							D2933-1	SADDLE, FWD IN, LH
7		1		1						D2933-2	SADDLE, FWD IN, RH
8	1		1							D2938-1	SADDLE, AFT OUT, LH
8		1		1						D2938-2	SADDLE, AFT OUT, RH
9	1		1							D2939-1	SADDLE, AFT IN, LH
9		1		1						D2939-2	SADDLE, AFT IN, RH
10	8	8	8	8						AN3-41A	BOLT
11	16	16	16	16						D2652	BUSHING
12A	8	8	8	8						MS21042-3	NUT (OR MS21042L3)
12B	8	8	8	8						NAS1149D0363J	WASHER (OR AN960JD10)
13	4	4	4	4						AN5-11A (OR AN5-12A)	* BOLT ⁽²⁾
14	4	4	4	4						AN5-11A (OR AN5-13A)	* BOLT ⁽²⁾
15	8	8	8	8						NAS1149D0563J	WASHER (OR AN960JD518)
16	12	12	12	12						AN4-6A	BOLT
17	24	24	24	24						NAS1149D0463J	WASHER (OR AN960JD418)
18	12	12	12	12						MS21042-4	NUT (OR MS21042L4)
20A					6	6				D3537-1	WEARPAD (REPLACES D2648-3)
21A					1	1				D3537-3	WEARPAD (REPLACES D3429-1)
22A					1	1				D4958-15	WEARSHOE (REPLACES D3535-15 + D3536-15)
23A					1	1				D4956-23	WEARSHOE (REPLACES D3535-23 + D3536-23)
24A					1	1				D4956-37	WEARSHOE (REPLACES D3535-37 + D3536-37)
26A					60	60				MS27039C1-08	SCREW
26B					60	60				NAS1149D0332J	WASHER (OR AN960JD10L)
26C					60					ALS7-1032-130	*INSERT ⁽¹⁾ (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	1	1	1	1						D3407-043	TOW RING ASSEMBLY (REPLACES D2968-043)
32A	1	1	1	1						D3456-1	WASHER
32B	2	2	2	2						D3457-1	WASHER
33	1	1	1	1						MS21043-4	NUT
34	1	1	1	1						AN4C5A	BOLT
35	1	1	1	1						NAS1149C0463R	WASHER (OR AN960C416)
36	1	1	1	1						D3413-1	RING (REPLACES D2655)
37	10	10	10	10						D2712	SET SCREW
38	2	2	2	2						D2934	SADDLE SPACER
39	2	2	2	2						D2935	SADDLE SPACER
40									2	D3414-041	LUG ASSEMBLY (REPLACES D2659)
41									4	AN3C37A	BOLT
42									8	D2652	BUSHING
43									4	MS21043-3	NUT
44									4	NAS1149C0363R	WASHER (OR AN960C10)

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Revision: Q
Date: 13.08.12

ITEM	QTY -411	QTY -412	QTY -413	QTY -414	QTY -441	QTY -457	QTY -449	QTY -451	QTY -013	PART NUMBER	DESCRIPTION
50							1	1		D4366-041	FWD WEARPLATE ASSY
51							1	1		D4366-043	AFT WEARPLATE ASSY
52							18	18		D3873-1	BUSHING
53							3			D2649	SPACER
54A							10	10		AN3-36A	BOLT
54B							10	10		NAS1149C0332R	WASHER (OR AN960C10L)
54C							10	10		MS21042-3	NUT

NOTES: (1) DENOTES THAT PART IS INCLUDED WITH D2650-7 OR D4361-043 ASSEMBLY ABOVE
(2) CHOICE OF BOLT WILL DEPEND ON CROSSTUBE (SEE INSTALLATION PROCEDURE)

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Revision: **Q**
Date: 13.08.12



RELEASED 15.10.19

PPP

Part Number	D206-642-413	Box Part Number	MBX105	Dimension	L x W x H 144" x 7" x 7"
Description	Skidtube, LH	Other Packaging	MF166		MF668
		Logo Decals	D2728-1		

Packaging Instructions and Decal Placement

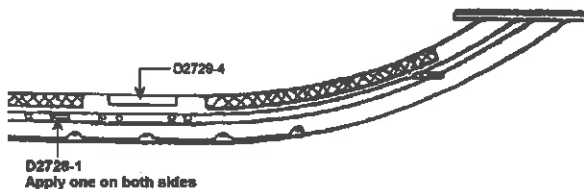
D206-642-413

Apply label D2729-4 and D2728-1 as per drawing.

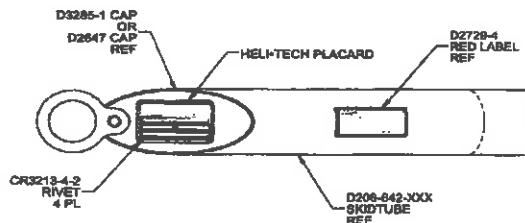
Wrap skidtube in plastic. Place (2) pieces of MF166 at each ends of the box and glue to interior. Place (3) pieces of MF668 in bottom of box. Place skidtube in box. Put kit in foam, apply label D2729-3 on top and place in box. Put (3) pieces of MF668 on top to correspond with bottom foam already in place. Close box.

Apply Dart tape. Apply strapping after first Dart logo, thereafter applying strapping after every second Dart logo.

Apply clear tape over strapping. Apply label D2729-3 as per instructions in QSI 014.



For skid tubes that are manufactured as a PMA replacement part, a Heli-Tech placard and the D2729-4 label must be installed on the skidtube as per drawing below.



D2729-4

D2729-3

DART			
US #5735484 / CA #2222184 / EURO #0828655			
PART NO	D206-642-413	QTY	CHG001
DESC	Skidtube, LH	QTY	SH98-4
QTY	BXXXXXX	QTY	SA00475SE
REMARKS	Bell 206L/L1/L3/L4		

		Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL: 1 613 632-5200
SKIDTUBE, LH P/N: D206-642-413 CHG001 B/N: BXXXXXX		

Revision: A Date: 15.10.19

15/10/19